

10/589,959

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NEWS	5	DEC 18	ReaxysFile available on STN
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NEWS	7	DEC 22	Value-Added Indexing Improves Access to World Traditional Medicine Patents in CAPLUS
NEWS	8	JAN 24	The new and enhanced DPCI file on STN has been released
NEWS	9	JAN 26	Improved Timeliness of CAS Indexing Adds Value to USPATFULL and USPAT2 Chemistry Patents
NEWS	10	JAN 26	Updated MeSH vocabulary, new structured abstracts, and other enhancements improve searching in STN reload of MEDLINE
NEWS	11	JAN 28	CABA will be updated weekly
NEWS	12	FEB 23	PCTFULL file on STN completely reloaded
NEWS	13	FEB 23	STN AnaVist Test Projects Now Available for Qualified Customers
NEWS	14	FEB 25	LPCI will be replaced by LDPCI
NEWS	15	MAR 07	Pricing for SELECTing Patent, Application, and Priority Numbers in the USPAT and IFI Database Families is Now Consistent with Similar Patent Databases on STN
NEWS	16	APR 26	Expanded Swedish Patent Application Coverage in CA/CAPLUS Provides More Current and Complete Information
NEWS	17	APR 28	The DWPI (files WPINDEX, WPIDS and WPIX) on STN have been enhanced with thesauri for the European Patent Classifications
NEWS	18	MAY 02	MEDLINE Improvements Provide Fast and Simple Access to DOI and Chemical Name Information
NEWS	19	MAY 12	European Patent Classification thesauri added to the INPADOC files, PCTFULL, GBFULL and FRFULL
NEWS	20	MAY 23	Enhanced performance of STN biosequence searches
NEWS	21	MAY 23	Free Trial of the Numeric Property Search Feature in PCTFULL on STN
NEWS	22	JUN 20	STN on the Web Enhanced with New Patent Family Assistant and Updated Structure Plug-In
NEWS	23	JUN 20	INPADOC databases enhanced with first page images
NEWS	24	JUN 20	PATDPA database updates to end in June 2011
NEWS	25	JUN 26	MARPAT Enhancements Save Time and Increase Usability

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NEWS 26 JUL 25 STN adds Australian patent full-text database,
AUPATFULL, including the new numeric search feature.
NEWS 27 AUG 01 CA Sections Added to ACS Publications Web Editions
Platform
NEWS 28 AUG 16 INPADOC: Coverage of German Patent Data resumed,
enhanced legal status
NEWS 29 AUG 18 Upgrade now to STN Express, Version 8.5
NEWS 30 SEP 01 CAS Journal Coverage Now Includes Ahead-of-Print
Articles for More Than 100 Journal Titles
NEWS 31 SEP 01 Older Versions of STN Express to be Discontinued
Beginning in March 2012

NEWS EXPRESS 18 AUGUST 2011 CURRENT WINDOWS VERSION IS V8.5,
AND CURRENT DISCOVER FILE IS DATED 24 JANUARY 2011.

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* * * * * STN Columbus * * * * *

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FULL ESTIMATED COST	0.23	0.23

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DICTIONARY FILE UPDATES: 7 SEP 2011 HIGHEST RN 1329744-16-2

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=> s FHGGSWYRFPWGY/sqsp
L1          1 FHGGSWYRFPWGY/SQSP
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=> fil hcap
COST IN U.S. DOLLARS          SINCE FILE          TOTAL
                               ENTRY          SESSION
FULL ESTIMATED COST          34.31          34.54
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FILE COVERS 1907 - 8 Sep 2011 VOL 155 ISS 11
FILE LAST UPDATED: 7 Sep 2011 (20110907/ED)
REVISED CLASS FIELDS (/NCL) LAST RELOADED: Jun 2011
USPTO MANUAL OF CLASSIFICATIONS THESAURUS ISSUE DATE: Jun 2011

HCAplus now includes complete International Patent Classification (IPC) reclassification data for the second quarter of 2011.

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This file contains CAS Registry Numbers for easy and accurate substance identification.

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L2          2 L1
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=> d l2 ibib abs hitstr 1-2
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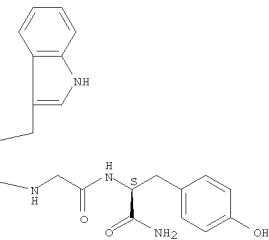
L2 ANSWER 1 OF 2 HCAPLUS COPYRIGHT 2011 ACS on STN
ACCESSION NUMBER: 2005:1004769 HCAPLUS
DOCUMENT NUMBER: 143:282961
TITLE: A novel potassium channel modulator peptide from cone
snail, *Conus monile*
INVENTOR(S): Krishnan, Kozhalmannom Subramaniasastry; Balaram,
Padmanabhan
PATENT ASSIGNEE(S): National Centre for Biological Sciences, India
SOURCE: PCT Int. Appl., 16 pp.
CODEN: FIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2005085276	A1	20050915	WO 2004-IB3278	20041008
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
IN 2004CH00136	A	20071228	IN 2004-CH136	20040220
EP 1725578	A1	20061129	EP 2004-769584	20041008
EP 1725578	B1	20090218		
R: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LI, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR				
CN 1972957	A	20070530	CN 2004-80042803	20041008
CN 1972957	B	20100428		
JP 2008505055	T	20080221		
JP 4642034	B2	20110302	JP 2006-553694	20041008
AT 423128	T	20090315	AT 2004-769584	20041008
IL 177590	A	20110331	IL 2004-177590	20041008
US 20070219137	A1	20070920	US 2006-589959	20060818
IN 2006CN03667	A	20070706	IN 2006-CN3667	20061003
IN 237287	A1	20091225	IN 2004-CH136	A 20040220
PRIORITY APPLN. INFO.:			WO 2004-IB3278	W 20041008

ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT
AB A novel 13-residue peptide Mol659 has been isolated from the venom of a
venomiferous cone snail, *Conus monile*. HPLC fractions of the venom
extract
yielded an intense UV absorbing fraction with a mass of 1659 Da. De novo
sequencing using both matrix assisted laser desorption and ionization and
electrospray MS/MS methods together with anal. of proteolytic fragments
successfully yielded the amino acid sequence, FHGGSWYRFFWGY-NH₂. This
was

L2 ANSWER 1 OF 2 HCAPLUS COPYRIGHT 2011 ACS on STN (Continued)

PAGE 1-B

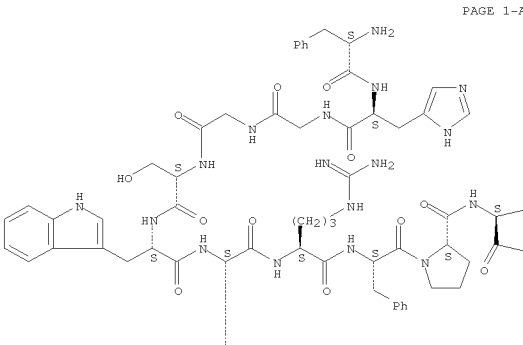


PAGE 2-A

REFERENCE COUNT: 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE
FORMAT

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L2 ANSWER 1 OF 2 HCAPLUS COPYRIGHT 2011 ACS on STN (Continued)
further confirmed by comparison with the chem. synthesized peptide and by
conventional Edman sequencing. Mol659 has an unusual sequence with a
preponderance of arom. residues and the absence of apolar, aliph.
residues
like Ala, Val, Leu, Ile. Mol659 has no disulfide bridges distinguishing
it from the conotoxins and bears no sequence similarity with any of the
acyclic peptides isolated thus far from the venom of cone snails.
Electrophysiol. studies on the effect of Mo 1659 on measured currents in
dorsal root ganglion neurons suggest that the peptide targets
non-inactivating voltage dependent potassium channels.
IT 712300-74-8P, Mol659
RL: BSU (Biological study, unclassified); PRP (Properties); PUR
(Purification or recovery); THU (Therapeutic use); BIOL (Biological
study); PREP (Preparation); USES (Uses)
(potassium channel modulator peptide from cone snail)
RN 712300-74-8 HCAPLUS
CN L-Tyrosinamide,
L-phenylalanyl-L-histidylglycylglycyl-L-seryl-L-tryptophyl-
L-tyrosyl-L-arginyl-L-phenylalanyl-L-prolyl-L-tryptophylglycyl- (9CI)
(CA INDEX NAME)
Absolute stereochemistry.

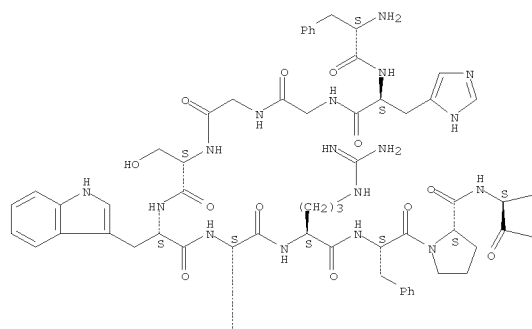


L2 ANSWER 2 OF 2 HCAPLUS COPYRIGHT 2011 ACS on STN
ACCESSION NUMBER: 2004:309225 HCAPLUS
DOCUMENT NUMBER: 141:67269
TITLE: A novel 13 residue acyclic peptide from the marine
snail, *Conus monile*, targets potassium channels
Sudarsilal, Sadasivannair; Singaravadivelan,
Govindaswamy; Ramasamy, Palanisamy; Ananda, Kuppanna;
Sarma, Siddhartha P.; Sikdar, Sujit K.; Krishnan, K.
S.; Balaram, Padmanabhan
CORPORATE SOURCE: Molecular Biophysics Unit, Indian Institute of
Science, Bangalore, 560012, India
SOURCE: Biochemical and Biophysical Research Communications
(2004), 317(3), 682-688
CODEN: BBRCA9; ISSN: 0006-291X
PUBLISHER: Elsevier Science
DOCUMENT TYPE: Journal
LANGUAGE: English
AB A novel 13-residue peptide Mol659 has been isolated from the venom of a
venomiferous cone snail, *Conus monile*. HPLC fractions of the venom
extract
yielded an intense UV absorbing fraction with a mass of 1659 Da. De novo
sequencing using both matrix assisted laser desorption and ionization and
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successfully yielded the amino acid sequence, FHGGSWYRFFWGY-NH₂. This
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and by
conventional Edman sequencing. Mol659 has an unusual sequence with a
preponderance of aromatic residues and the absence of apolar, aliphatic
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like Ala, Val, Leu, and Ile. Mol659 has no disulfide bridges
distinguishing it from the conotoxins and bears no sequence similarity
with any of the acyclic peptides isolated thus far from the venom of cone
snails. Electrophysiol. studies on the effect of Mol659 on measured
currents in dorsal root ganglion neurons suggest that the peptide targets
non-inactivating voltage-dependent potassium channels.
IT 712300-74-8P, Mo 1659
RL: BSU (Biological study, unclassified); PRP (Properties); PUR
(Purification or recovery); BIOL (Biological study); PREP (Preparation)
(amino acid sequence; novel 13 residue acyclic peptide from marine
snail, *Conus monile*, targets potassium channels)
RN 712300-74-8 HCAPLUS
CN L-Tyrosinamide,
L-phenylalanyl-L-histidylglycylglycyl-L-seryl-L-tryptophyl-
L-tyrosyl-L-arginyl-L-phenylalanyl-L-prolyl-L-tryptophylglycyl- (9CI)
(CA INDEX NAME)
Absolute stereochemistry.

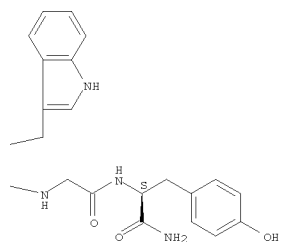
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L2 ANSWER 2 OF 2 HCAPLUS COPYRIGHT 2011 ACS on STN (Continued)

PAGE 1-A

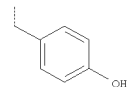


PAGE 1-B



L2 ANSWER 2 OF 2 HCAPLUS COPYRIGHT 2011 ACS on STN (Continued)

PAGE 2-A



OS.CITING REF COUNT: 14 THERE ARE 14 CAPLUS RECORDS THAT CITE THIS
RECORD (14 CITINGS)
REFERENCE COUNT: 26 THERE ARE 26 CITED REFERENCES AVAILABLE FOR
THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE
FORMAT

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=> d que stat

L1 1 SEA FILE=REGISTRY ABB=ON PLU=ON FHGGSWYRFPWGY/SQSP
L2 2 SEA FILE=HCAPLUS ABB=ON PLU=ON L1

=> d his full

(FILE 'HOME' ENTERED AT 12:15:17 ON 08 SEP 2011)

FILE 'REGISTRY' ENTERED AT 12:15:28 ON 08 SEP 2011

L1 1 SEA ABB=ON PLU=ON FHGGSWYRFPWGY/SQSP

FILE 'HCAPLUS' ENTERED AT 12:15:52 ON 08 SEP 2011

L2 2 SEA ABB=ON PLU=ON L1
D L2 IBIB ABS HITSTR 1-2
D QUE STAT

FILE HOME

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FILE HCAPLUS

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FILE COVERS 1907 - 8 Sep 2011 VOL 155 ISS 11
FILE LAST UPDATED: 7 Sep 2011 (20110907/ED)
REVISED CLASS FIELDS (/NCL) LAST RELOADED: Jun 2011
USPTO MANUAL OF CLASSIFICATIONS THESAURUS ISSUE DATE: Jun 2011

HCAplus now includes complete International Patent Classification (IPC)
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DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE	TOTAL
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CA SUBSCRIBER PRICE	-1.74	-1.74

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